

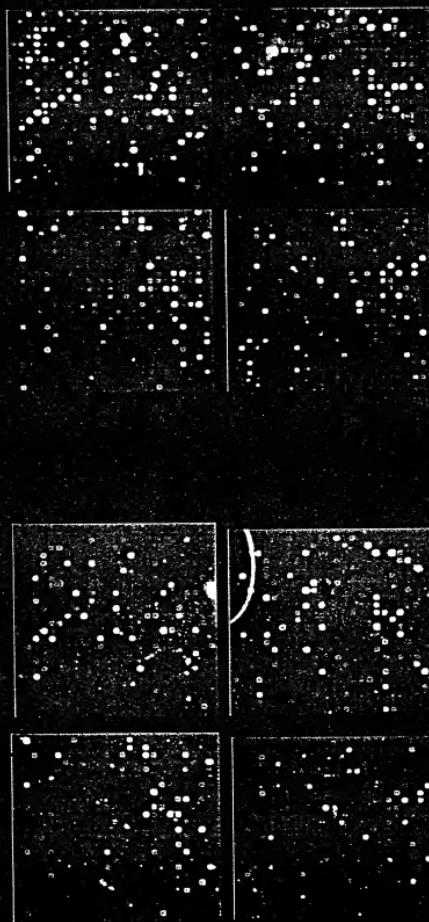
Expression Profiling of Microdissected Tumors Using Genentech Microarrays



Probe generated from ~ 1 - 5 ng of total RNA (~ 10 - 50 pg mRNA/polyA+ RNA) from a microdissected colon tumor, raw data, using amplification and probe labelling protocol.

FIG. 1

Expression Profiling of RNA from Paraffin-Embedded Tissue Using Genentech Microarrays



Probe generated from 5 μ g total RNA, isolated from formalin-fixed paraffin-embedded liver tissue, Genentech probe protocol

Probe generated from 5 μ g total RNA, adult liver, fresh frozen sample, Genentech probe protocol

FIG. 2A

FIG. 2B

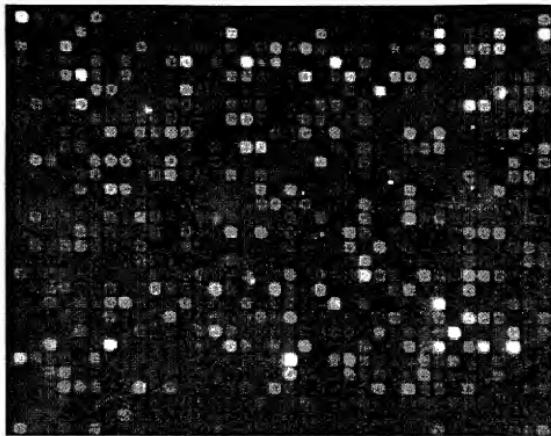


FIG. 2C

Formalin-fixed, paraffin-embedded colon tissue

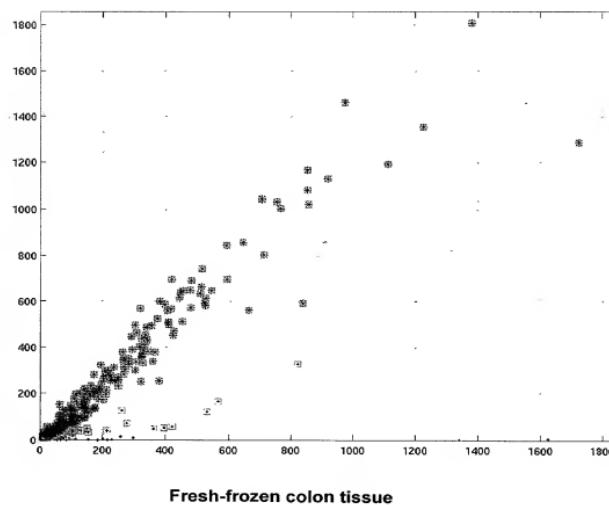
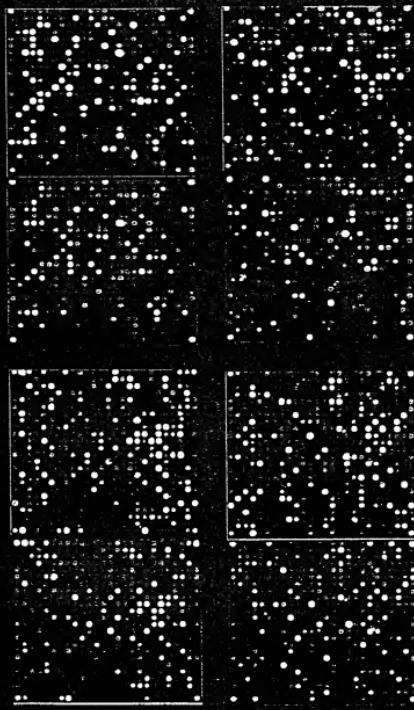


FIG. 2D

Analysis of Gene Expression Using Genetech Microarrays



Example: 2496 gene microarray hybridized with a probe generated from 2.5 μ g total RNA (~10 - 30 ng mRNA/ polyA+ RNA) from a breast tumor vs. 2.5 μ g total RNA from an epithelial tissue RNA pool reference sample. The raw data from both fluorochromes for 4 subarrays are shown (Alexa-488 labelled tumor probes on the left, Alexa-546 labelled epithelial pool probes on the right).

FIG. 3A

FIG. 3B

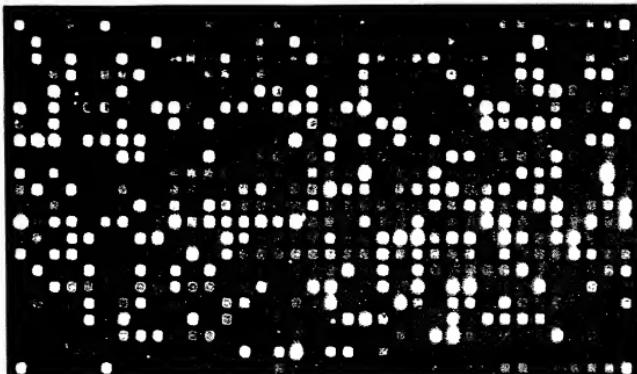


FIG. 4A

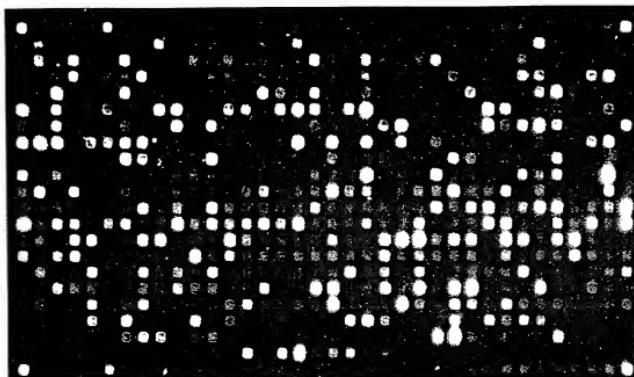


FIG. 4B

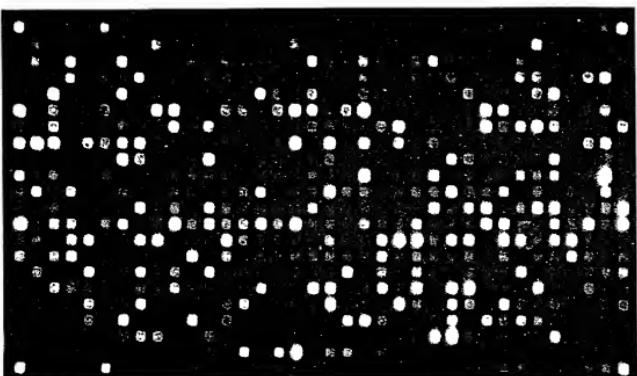


FIG. 4C